

## CLAIMS

What is claimed is:

1. A compound comprising a protein of extensin or a combination of (a) pectin or polysaccharides found in the pectic molecule and (b) extensin.
2. A method for cytotoxic enhancement of lymphocytes comprising ingesting a therapeutically effective amount of extensin or a combination of pectin or polysaccharides found in the pectic molecule and extensin to enhance the activity of the immune system.
3. A method for preparing a therapeutically effective pharmaceutical for the cytotoxic enhancement of lymphocytes comprising combining a therapeutically effective amount of extensin or a combination of pectin or polysaccharides found in the pectic molecule and extensin to enhance the activity of the immune system with an excipient.